



Gulf of Mexico Harmful Algal Bloom Bulletin

15 May 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: May 8, 2006

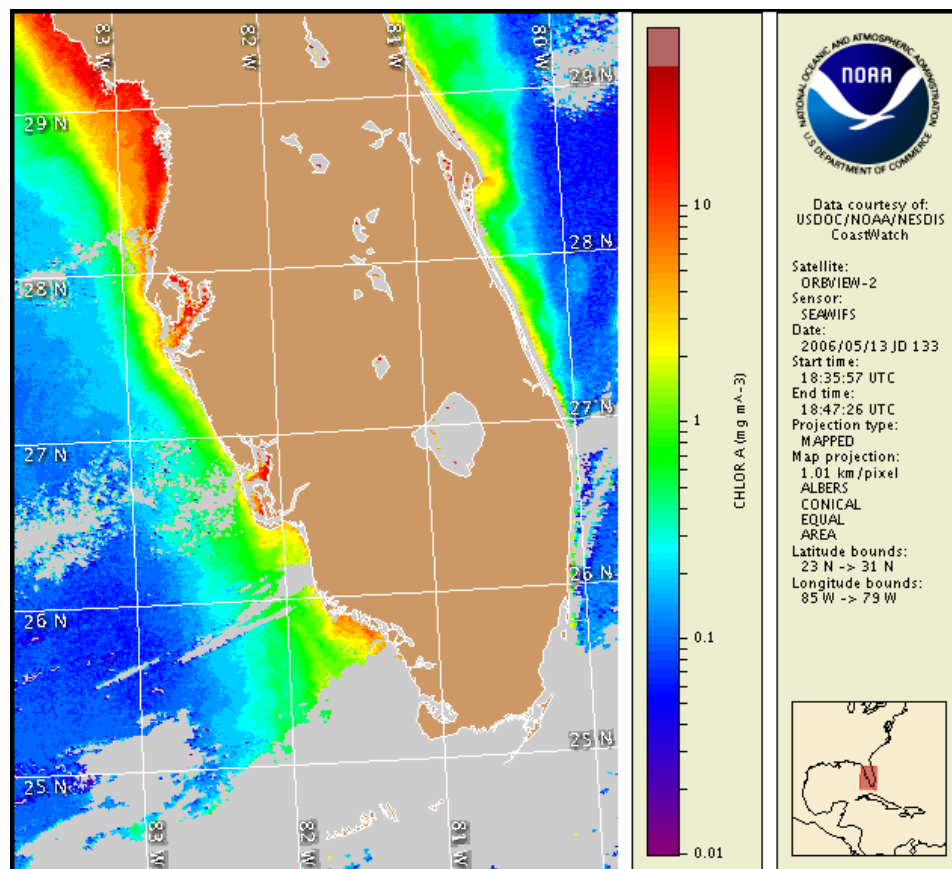
Conditions Report

No impacts are expected in any Florida counties this week. Due to current harmful algal bloom inactivity, bulletins are issued each Monday, until conditions warrant continuance of twice weekly bulletins.

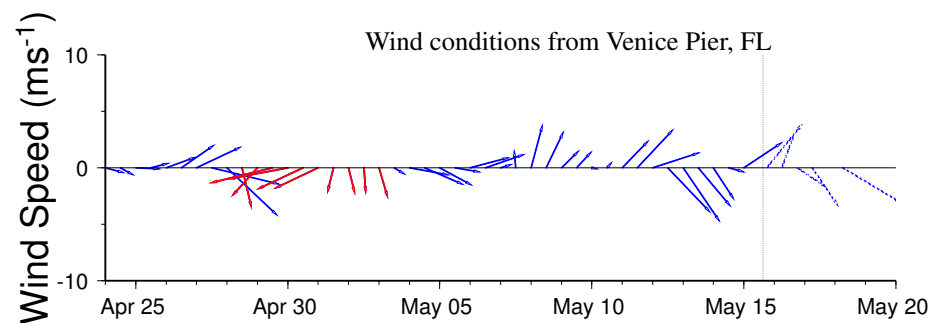
Analysis

Recent imagery does not indicate any harmful algal blooms along the Florida coast. Samples taken last week along southwestern Florida contained no *Karenia brevis*, except one sample at background concentrations off of Mullet Key, Hillsborough County (FWRI, 5/8-12). Many of these samples did contain non-harmful species. Reports of discolored water are possible. Forecasted conditions are not favorable for harmful algal bloom formation.

~Fenstermacher, Keller



Satellite chlorophyll image with possible HAB areas shown by red polygon(s).

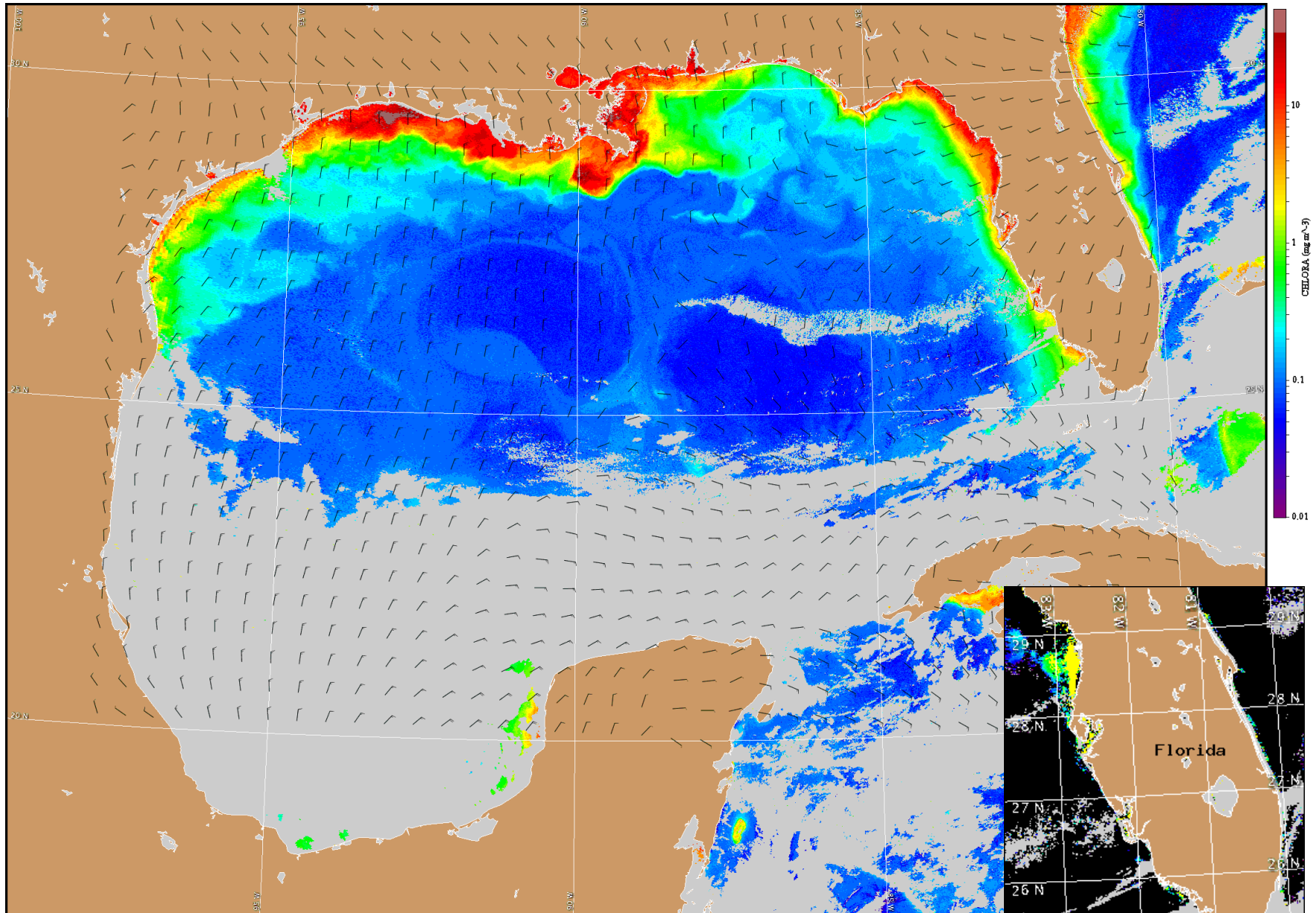


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

SW Florida: South to southwest winds today and Tuesday morning followed by north-west to northeasterlies Tuesday afternoon and Wednesday (10-15 knots; 5-8 m/s). Westerlies on Thursday and Friday (10 knots; 5 m/s).

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive OrbImage approval via the CoastWatch Program.



Satellite chlorophyll image and forecast winds for May 16, 2006 06Z.

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).